For those
who want
to know
more.

Choose freedom.
TOSHIBA

For further information:
www.toshiba-europe.com/computers

www.toshiba-europe.com/computers

OPTIONS
TOSHIBA

TEG June 2000, Art. No. B30021E. Design and specifications may differ according to country and are subject to change without notice.

June 2000

Personalise your computer:
Toshiba accessories

Options

Choose freedom.
TOSHIBA

Toshiba. Experience and innovation you can rely on.

Toshiba notebooks are products of many years' experience and investment in mobile computing. Throughout that time, we've revolutionised the industry like no other manufacturer, regularly setting new benchmarks for others to follow. It's a commitment to innovation that has seen us rise to become the global market leader in mobile computing.

Innovative technologies.

Year on year, Toshiba invests more than six per cent of total revenue in research and development. This ongoing commitment to improvement means our customers and resellers are always guaranteed the latest technology.

Reliable build quality.

When we develop a new notebook, we're never happy unless we're convinced it offers genuine benefits for our customers. Rigorous testing ensures that every computer we build not only fulfils all user requirements to the letter, but will continue to do so for years to come.

Intelligent design.

At Toshiba, we believe that the exterior form of a product is an important and integral part of the user interface. The principal design criteria for every new notebook are therefore maximum functionality, comfort and ergonomic benefits for the user.

Wealth of options.

While our standard specifications leave little to be desired, we recognise that there are occasions when extra functionality may be needed. As a result, we've assembled a carefully selected range of options and accessories designed to cater for every eventuality.

Generous warranty.

It takes a certain amount of confidence in one's own products to offer the lengthy and comprehensive international warranties that we do. And even if it feels as if you'll never actually need one, it's still good to have the peace of mind that comes from choosing Toshiba.

Authorised reseller network.

Specialist backup is essential when using high-tech equipment such as a Toshiba notebook. Which is why we've developed an extensive network of authorised resellers and qualified service providers to ensure you receive all the advice and support you need – wherever you happen to be in the world.

Award-winning technology.

What's the secret of building award-winning notebooks and PCs? Sometimes it seems as if having the Toshiba logo is enough. As a regular recipient of independent awards from specialist publications and users around the world, we could be forgiven for resting on our laurels occasionally. The secret is, we never do.

Classification of options range:

2 Options for individual needs

3 Memories

4-5 Desk-based Connectivity
Toshiba's comprehensive choice of connectivity solutions is designed to support all office-based networking, communication and expansion needs.

6-7 Communication & Network Solutions
Toshiba portable PCs empower you to combine communication and mobility.

8-9 Carry Cases
Safety for your notebook – convenience for you.
Toshiba understands the way you work.

10 Power Accessories
The availability of maximum computing power is of basic importance, especially when you are on the move.

11 Additional Accessories
Additional accessories fulfil the criteria of quality, innovation and flexibility.

12-13 Information Storage
The benefits of mobility and high capacity storage can go together.

14-15 Mobile Multimedia
Constant innovation is Toshiba’s philosophy.

16 Desktop Expansion
Besides the extensive range of notebook options there is a comprehensive choice of options for desktops.

Options for
individual needs.

Toshiba stands for flexibility, innovation and quality in the notebook market. And the same applies to all Toshiba options. We offer you an extensive choice of options that allow you to customize your Toshiba to meet your needs.

The comprehensive range of options and accessories is designed to make your Toshiba PC more productive and to give you more flexibility. Customers can create a notebook according to their requirements by choosing the appropriate options: professional digital cameras, trendy carry cases, high-capacity information-storage devices, ultra fast network solutions and much more.

Toshiba is famous for its technological leadership and customer focus. And we keep to our standards. Our options range is the result of a constant innovation process. We can therefore ensure that you are fully equipped for future technologies. It enhances the life cycle of your notebook and lowers the total cost of ownership.
And we promise quality that fits. Every product is guaranteed to be compatible with Toshiba portables. They are installed very easily, saving time and costs. All Toshiba options are fully tested and stand for reliability. For peace of mind, Toshiba's options are backed with a solid warranty.

Options

Thanks
for the memories.

With ongoing software developments requiring ever increasing amounts of RAM memory to achieve maximum performance, it´s hardly surprising that more and more people are considering additional memory for their existing PCs. However, the idea that all memory is much the same is a potentially disastrous misconception – and today, more than ever, Toshiba users need to be aware of the very significant dangers of compromising on quality where memory upgrades are concerned.

Although there´s little doubt that adding memory is a very cost-effective way of enhancing PC performance, the latest developments in memory technology are demanding more stringent requirements of manufacturers than ever before.

When you consider that according to the Gartner Group the second most common technical failure experienced by PC users either directly or indirectly involves RAM memory, the consequences of these shortcomings are too important to be ignored. At best, faulty design and cost-cutting compromises can lead to data corruption, performance degradation and expensive down time.

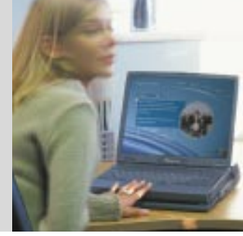
To ensure users can upgrade memory with total confidence, Toshiba has invested heavily in the resources needed for the manufacture, testing and validation of its modules. All of its modules are painstakingly tested in the machines for which they are intended.

By strictly adhering to the highest possible standards, every Toshiba memory module is 100% guaranteed to function properly in every specific Toshiba model – and it´s also worth remembering that the Toshiba warranty will be invalidated if damage is caused by the use of non-Toshiba memory.

**Be sure – own a Toshiba memory.
It´s made to last.**

Product	Satellite 4090 Series	Satellite Pro 4200 Series	Satellite Pro 4300 Series	Tecra 8000 Series	Tecra 8100 Series	Portégé 3110CT	Portégé 34xx Series	Portégé 7020CT	Portégé 7140CT	Portégé 72xx Series
Expandable to: (Max)	**192 MB**	**320 MB**	**320 MB**	**256 MB**	**512 MB**	**128 MB**	**192 MB**	**192 MB**	**320 MB**	**320 MB**
32 MB Upgrade	PA2060U	PA3003U	PA3003U	PA2060U		PA2071U		PA2060U	PA3003U	PA3003U
64 MB Upgrade	PA2061U	PA3004U	PA3004U	PA2061U	PA3004U	PA2069U	PA3033U-1M06	PA2061U	PA3004U	PA3004U
128 MB Upgrade	PA2062U	PA3005U	PA3005U	PA2062U	PA3005U		PA3034U-1M012	PA2062U	PA3005U	PA3005U
256 MB Upgrade					PA3051U-1NME				PA3051U-1NME	PA3051U-1NME

Please note: All standard configurations of the above notebooks have 64 MB installed memory except Tecra 8100 featuring Pentium III 700 MHZ processor. This model ships with 128 MB as standard.



Desk-based Connectivity:

Expand your convenience.

Toshiba's comprehensive choice of connectivity solutions is designed to support most networking, communication and expansion needs.

Desk-based Connectivity

Card Stations, Desk Stations or Port Replicators maximise the expandability of your notebook by offering a wide range of ports, interfaces and PC Card slots. They provide connection options for keyboard, mouse, monitor and other peripherals in one easy step. Leaving them permanently attached to your docking station brings added convenience. Additionally Network Docks give you direct access to your office LAN and enable you to communicate faster and more easily.

Product	NetDock Port Replicator	Expansion Station[2]	CardDock	I/O Adapter	Network I/O Adapter	MultiMedia Port Replicator	Port Replicator
Part Number	PA3017E-1PRP	PA3018E-1DST	PA3028E-1PRP	PA3041U-1PRP	PA3040U-1PRP	PA3042E-1DST	PA2731UE
Interfaces/Expansion Slots							
Parallel	x		x	x	x	x	x
Serial	x		x	x	x	x	x
External Monitor	x		x	x	x	x	x
USB	2x		2x	1x	1x	1x	2x
PS/2 Keyboard	x		x	x (Shared)	x (Shared)	x (Shared)	x
PS/2 Mouse	x		x	x (Shared)	x (Shared)	x (Shared)	x
Midi/Joystick port							x
SCSI-2 port							
PC Card Slots (Cardbus supported)			1x Type II/III			1x Type II	
Line in	x		x				x
Line out	x		x		x	x	x
Microphone socket & Speakers							x
Special Features							
Built in RJ-45 Ethernet connection	x				x	x	
PCI Slot		1x 3/4 length, 1 x 1/2 length					
ISA/PCI Slot							
3.5″ Drive Bay		1x					
5.25″ Drive Bay		1x					
SelectBay for DVD-ROM, HDD, CD-ROM		With adapter				x	
Kensington Cable Lock slot	x		x			x	x
Security lock			x				
Dimensions (w x h x d)	331 x 344 x 57 mm	383 x 373 x 89 mm	331 x 379 x 59 mm	185 x 44 x 24 mm	208 x 54 x 22.5 mm	166 x 190 x 30 mm	320 x 310 x 55 mm
Weight	1.6 kg	5.6 kg	1.7 kg	240 g	340 g	600 g	1.3 kg
Power Supply	15v DC in	100/240v AC in	15v DC in	N/A	N/A	15v DC in	15v DC in
Compatibility	Tecra 8100 and Expansion Station	Tecra 8100 with NetDock Port Replicator	Tecra 8100	Portégé 3410CT, 3440CT, 3480CT	Portégé 3410CT, 3440CT, 3480CT	Portégé 3410CT, 3440CT, 3480CT	Satellite Pro 4200/4300 Series
Warranty	1 year international	1 year international	1 year international	1 year international	1 year international	1 year international	1 year international

Card Station IV	Desk Station V+[1]	Network Dock	Product
PA3024E-1PRP	PA2710EYN	PA2724UY	Part Number
			Interfaces/Expansion Slots
x	x	x	Parallel
x	x	x	Serial
x	x	x	External Monitor
2x		2x	USB
x	x	x	PS/2 Keyboard
x	x	x	PS/2 Mouse
	x	x	Midi/Joystick port
	x		SCSI-2 port
1x Type II/III	2x Type II/III		PC Card Slots (Cardbus supported)
x	x	x	Line in
x	x	x	Line out
	x	x	Microphone socket & Speakers
			Special Features
		x	Built in RJ-45 Ethernet connection
	1x half size		PCI Slot
	2x		ISA/PCI Slot
			3.5″ Drive Bay
	1x		5.25″ Drive Bay
	x		SelectBay for DVD-ROM, HDD, CD-ROM
x	x	x	Kensington Cable Lock slot
x	x	x	Security lock
370 x 320 x 55 mm	410 x 400 x 85/150 mm	331.5 x 349 x 76.1 mm	**Dimensions (w x h x d)**
1.6 kg	9 kg	1.8 kg	**Weight**
15v DC in	100/240v AC in	15v DC in	**Power Supply**
Satellite Pro 4200/4300 Series	Tecra 8000	Tecra 8000	**Compatibility**
1 year international	1 year international	1 year international	**Warranty**

Please note: [1]SelectBay adapter (PA2618U) must be used to ensure the physical fit of Tecra 8000 compatible SelectBay devices in Desk Station V+. [2]Expansion Station SelectBay adapter (PA3022U-1OTR) converts the 5.25″ drive bay in the Tecra 8100 Expansion base to a SelectBay.

Communication & Network Solutions:

Get connected to the world.

Toshiba portable PCs empower you to combine communication and mobility.

You have the choice among a wide range of LAN, ISDN, GSM and fixed line solutions. The advanced global V.90 56k data/fax PC Card (ISDN and GSM ready) is ideal for data transfers around the world with networks or the Internet. When download times need to be kept to a minimum, our advanced ISDN options meet your needs. Our innovative Global Port PC Cards offer the additional flexibility of using Ethernet, GSM or ISDN.

The super fast 10/100 Global Port Cardbus card with built-in RJ-45 connector connects you to the whole world via a standard telephone cable. An ISDN upgrade to your PC allows fast and secure data communication. For absolute mobility Toshiba offers GSM upgrade kits in addition to the data/fax PC Card which enable you to transmit and receive data via GSM cellular phones.

Product	Type II 16bit Ethernet Card	Type II Cardbus Ethernet Card	Globalport 10/100 Ethernet PC Card
Part Number	PX1006E-1NCO	CBE-10-100	PX1010E-1NCO
Network Connection	Ethernet. Supports both 10Base-T and 100Base-TX networks with a single adapter cable	Ethernet. Supports both 10Base-T and 100Base-TX networks	Ethernet. Supports both 10Base-T and 100Base-TX networks
Connector	Universal RJ-45 connector	Universal RJ-45 connector	Integrated RJ-45 connector
Standards	Type II PCMCIA, IEEE 802.3u for 100Base-TX, 10/20Mbps full-duplex	Type II Cardbus PC Card, IEEE 802.3 for 10Base-T, IEEE 802.3u for 100Base-TX, 10/20Mbps full-duplex on 10 Base-T full-duplex networks. 100/200Mbps full-duplex on 100Base-TX full-duplex networks	Type III Cardbus PC Card, IEEE 802.3 for 10Base-T, IEEE 802.3u for 100Base-TX, 10/20Mbps full-duplex on 10 Base-T full-duplex networks. 100/200Mbps full-duplex on 100Base-TX full-duplex networks
Weight	24 g	24 g	19.5 g
Power Requirements	10Base-T: +5V DC, 320mA typical, 460mA max 100Base-TX: +5V DC, 340 mA typical, 490 mA max	10Base-T: +3.3V DC, 50mA idle, 105mA active, 80mA typical 100Base-TX: +3.3V DC, 125 mA idle, 135mA active, 130 mA typical	10Base-T: 3.3 volt operation 100Base-TX: +3.3V operation
Software Compatibility	Supports all popular network operating systems including Novell Netware, Microsoft Windows NT 3.x/4.x, Windows 95/98, Windows 3.x, Windows 2000, Microsoft LAN Manager	Supports all popular network operating systems including Novell Netware, Microsoft Windows NT 3.x/4.x, Windows 95/98, Windows 3.x, Windows 2000, Microsoft LAN Manager	Supports all popular network operating systems including Novell Netware, Microsoft Windows NT 3.x/4.x, Windows 95/98, Windows 3.x, Windows 2000, Microsoft LAN Manager
Hardware Compatibility	Supports all PC Card (PCMCIA) compliant PCs	Supports all Cardbus enabled PCs	Supports all Type III PC Card enabled PCs
Power Management		Supports ACPI, Cardbus Power Management, magic Packet Wake-up Technology, Wake-on-LAN	Xircom Battery Save advanced power management. Magic Packet Wake-up Technology, Supports ACPI
Warranty	5 years	5 years	5 years

Network Solutions

Product	Global V.90/56k PC Card Modem
Part Number	2793007
Data Modes	56k flex (V.90) V.34 (33,600 bps, full duplex) V.23 (75/1,200 bps, full duplex) V.32bis to (14,400 bps, full duplex) V.32 (9,600 bps, full duplex) V.21 (300 bps, full duplex) V.22 (2,400 bps, full duplex) V.22 (1,200 bps, full duplex) V.23 (1,200/75 bps, full duplex)
Fax Modes	Group III: Class 1 V.17 (14,400 bps, send & receive) V.29 (9,600 bps, send & receive) V.27ter (4,800 bps, send & receive)
Command Set	Extended Hayes AT Hayes AutoSync
Network Connection	Wire PSTN, ringer equivalence REN=1,-9dbm signal level
Dialling/Receiving	Pulse or tone selectable dialling, call progress through PC speaker, auto-answer to CCITT V.25, automatic mode selection on receive, 2 configuration profiles storage
General Features	Powered by portable PC PCMCIA V.2.0 onwards 0–50°C operating temperature 0–95% non-condensing operating humidity
Countries Supported	Australia, Austria, Belgium, Canada, Czech Republic, Denmark, Finland, France, Germany, Hong Kong, Ireland, Italy, Luxembourg, Netherlands, New Zealand, Norway, Portugal, South Africa, Sweden, Switzerland, UK, USA (call for latest update)
Compatibility	Any portable PCs equipped with a PC card slot Type II
Warranty	Lifetime

Product	Globalport ISDN PC Card	Global ISDN PC Card Adapter
Part Number	PX1011E-1NCO	PX1000E-1COM
Network Connection	ISDN – 64k or 128k for fast high speed access	ISDN – 64k or 128k for fast high speed access
Card Type	Type III (For use with Globalport 10/100 Ethernet Card or stand alone)	Type II PC Card (For use with Global PC Card Modem or stand alone)
Connector	Integrated Universal RJ-45 connector	External RJ-45 connector
Weight	19.5 g	63 g
BRI (Basic Rate Interface) IS	Euro ISDN, ISDN1 (US standard switch type), 5ESS (Norte, Belcore US) and INS-Net (Japan)	Euro ISDN, AT&T and NI-1 North America
B Channel Protocol	HDLC, X.25, X.75, T.70, T.90NL, V.110/ITU and V.120/ITU	MLPPP (Multilink PPP), Bandwidth On Demand (BOD), Bandwidth Allocation Control Protocol (BACP), PPP Asynchronous to Synchronous
Group 3 Faxing	YES	NO
CAPI Support	YES – version 2.0	YES – version 2.0
Power Consumption	BatterySave™ advanced power management	Up to 800 mW at 5V
Warranty	5 years	5 years

Carry Cases:

Style and functionality.

Safety for your notebook – convenience for you.

Toshiba understands the way you work. With Toshiba's carry cases, your Toshiba portable PC can be transported in absolute safety and with decent style. We offer a wide range of different types: from the innovative 3 way backpack case (which can be carried on the shoulder, by hand or comfortably on the back), to the attractive custom-designed attaché cases. Selected Toshiba carry cases incorporate a unique Techair air-cell protection system. This patented technology ensures that if your case is accidentally dropped or falls, air is automatically dispersed to cushion the shock and ensure that your PC does not hit the ground. All cases integrate a variety of design features. They have space for papers, peripherals and accessories such as spare batteries, cables, disks and even mobile phones. The usage of materials such as water-resistant woven nylon or high-grade leather gives all Toshiba carry cases uncompromising strength. Our confidence is backed by a lifetime guarantee.

Carry Cases

Product	Madrid Case	Toshiba Backpack II	Solid Case	Koskin Case	Senator Case
Part Number	2713379	2706035	2706030	2706031	2706027
Construction (Material it is made of)	Nylon	Nylon	Nylon	Koskin	Leather
Compartments	Notebook, Front document pocket	Notebook, Mobile phone	Notebook, Printers, Documents, Accessories	Notebook, Documents, Accessories	Notebook, Front document compartment, accessories
Dimensions (w x d x h)	350 x 290 x 60 mm	350 x 290 x 160 mm	365 x 300 x 155 mm	300 x 380 x 145 mm	385 x 310 x 165 mm
Weight	–	0.63 kg	1.75 kg	2.0 kg	3.35 kg
Warranty	3 years	3 years	3 years	3 years	3 years
Compatibility	A4 Notebooks	A4 Notebooks	all models	all models	all models

Business Pro Leather Case	Prestige Case	Sky Traveller (Trolly)	Back Pack	Product
2706028	2706025	2706034	2706035	Part Number
Leather	Nylon	Nylon	Nylon	Construction (Material it is made of)
Notebook, Document, Accessories	Notebook, Document, Accessories	Notebook, Documents, Accessories, Clothing	Notebook, Front document compartment, Accessories, Mobile phone pocket	Compartments
380 x 270 x 150 mm	390 x 250 x 130 mm	440 x 360 x 240 mm	400 x 315 x 90 mm	Dimensions (w x d x h)
2.1 kg	1.8 kg	2.9 kg	0.58 kg	Weight
3 years	3 years	3 years	3 years	Warranty
all models	all models	all models	all models	Compatibility

Please note: Ask your Toshiba authorized dealer for availability. Not all cases are available in all countries.

Power Accessories:

Power moves.

The availability of maximal computing power is of basic importance, especially when you are on the move.

That is why Toshiba offers a wide range of power accessories designed to cover all eventualities: from state-of-the-art lithium-ion battery packs to in-car/air adapters. All Toshiba power options are designed to extend the working life of your portable, both in the office and when you are out of reach of plug power. Standard replacement or high-capacity batteries can be supported by SelectBay or flat base batteries, providing up to 8.5 hours of PC power per charge. However you choose to work, Toshiba gives you the power to optimise your potential.

Accessories

Product	Battery	Battery	Battery	High capacity Battery	Battery	High capacity Battery	SelectBay Battery
Part Number	PA2487URG	PA3009U-1BAR	PA3038U-1BRL	PA3039U-1BRL	PA3000U-1BRS	PA3002U-1BRL	PA3010U-1BAR
Specification	10.8 Volts x 1000 mAh (typical) x 9 Cell	10.8 Volts x 4500 mAh (typical) x 9 Cell	10.8 Volts x 3000 mAh (typical) x 6 Cell	10.8 Volts x 5600 mAh (typical) x 12 Cell	10.8 Volts x 3000 mAh (typical) x 6 Cell	10.8 Volts x 6000 mAh (typical) x 12 Cell	10.8 Volts x 3400 mAh (typical) x 6 Cell
Battery Type	Li-Ion	Li-Ion	Li-Ion (Graphite)	Li-Ion (Graphite)	Li-Ion (Graphite)	Li-Ion (Graphite)	Li-Ion
Dimensions (WxDxH)	17.5 x 70 x 19 mm	209 x 67 x 19 mm	207.7 x 39 x 19.5 mm	262 x 214 x 15 mm	207.7 x 39 x 19.5 mm	207.7 x 66.9 x 32.5 mm	115.7 x 103 x 16.8 mm
Weight	400 g	405 g	233 g	1030 g	233 g	573 g	400 g
Compatibility	Satellite Pro 4200 Series, Satellite Pro 4300 Series	Tecra 8100	Portégé 3410CT/ 3440CT, 3480CT	Portégé 3410CT/ 3440CT, 3480CT	Portégé 7140 CT/ 72xx Series	Portégé 7140CT/ 72xx Series	Tecra 8100
Warranty	1 year	1 year	1 year	1 year	1 year	1 year	1 year

Battery Charger	Battery Charger	Battery Charger	Battery Charger	AC Adapter	AC Adapter	AC Adapter	Product
PA2488UE	PA3011E-1CHG	PA2513UE	PA2508UE	PA2450UY	PA3035E-1ACA	PA2444U	Part Number
N/A	N/A	N/A	N/A				Specification
N/A	N/A	N/A	N/A				Battery Type
2	2	1	2				Number of Batteries supported
PA2487UR	PA3009U-1BAR PA3010U-1BAR	PA3038U-1BRL PA3039U-1BRL	PA3000U-1BRS PA3002U-1BRL				Supported Batteries
3 hours	3 hours (PA3009U-1BAR), 2.5 hours (PA3010U-1BAR)	2 hours (PA3038U-1BRL), 3 hours (PA3039U-1BRL)	2 hours (PA3000U-1BRS), 3 hours (PA3002U-1BRL)				Charge Time per Battery (approx.)
				100-240 Volts AC autosensing	100-240 Volts AC autosensing	100-240 Volts AC autosensing	Input Power
				15 Volts DC, 3A 45 Watts maximum	15 Volts DC, 3A 45 Watts maximum	15 Volts DC, 4A 60 Watts maximum	Output Power
				Standard Toshiba power cord. (available separately)	Standard Toshiba power cord. (available separately)	Standard Toshiba power cord. (available separately)	Output Cord
220 x 178 x 45 mm	262.5 x 245 x 44.5 mm	240 x 70 x 20 mm	243 x 130 x 44 mm	125 x 125 x 63 mm	125 x 63 x 25 mm	140 x 75 x 25 mm	Dimensions (WxDxH)
650 g	1.1 kg	160 g	650 g	340 g	300 g	430 g	Weight
				CE, FCC Class B.EN60950	CE, FCC Class B.EN60950	CE, FCC Class B.EN60950	Regularity
Satellite Pro 4200 Series, Satellite Pro 4300 Series	Tecra 8100	Portégé 3410CT/ 3440CT, 3480CT	Portégé 7140CT/ 72xx Series	Satellite Pro 4200/ 4300 (PIII550 or below) Portégé 7140CT/ 72xx Series	Portége 3410CT/ 3440CT/3480CT	Tecra 8100, Satellite Pro 4300 (all other models)	Compatibility
1 year	1 year	1 year	1 year	1 year	1 year	1 year	Warranty

Additional Accessories:

Perfect in every detail.

Additional accessories fulfil the criteria of quality, innovation and flexibility.

Toshiba seeks total customer satisfaction in everything it does. That is why all our additional accessories fulfil the criteria of quality, innovation and flexibility. And like our notebooks they combine stunning performance and great looks. Monitor stands, mice and keyboards are all developed with the aim of perfection in every detail.

Product	Monitor Stand	Kensington Micro Saver	USB Data Bridge
Part Number	PX1008E-1NAC	2791300	2792500

Product	USB Hub
Part Number	2792501
USB Version	USB Specification 1.0
OS/Support	Windows 98
Ports	USB Ports x 3 1 serial port 1 printer port
Power Consumption	2A
Dimensions (w x d x h)	135 x 90 x 35
Weight	100 g

Information Storage:

Enhance your capacities.

The benefits of mobility and high capacity storage can go together.

Toshiba´s versatile storage options allow memory-intensive or power-critical tasks to be carried out in any location. You can always maximise your HDD performance or swap data easily with a selection of media types. Depending on your needs, try our SelectBay LS120 drive for massive storage space or our external SelectBay Zip drives for fast convenient access. A compact external floppy disk drive is also available for the Portégé range, giving you the convenience of extra storage, or access to external data.

Information Storage

Product	SelectBay Zip drive	SelectBay LS120 drive	External USB FDD drive
Part Number	2793004	2793006	PA3043U-1FDD
Storage Capacity	100 MB per disk	120 MB per disk	1.44 MB per disk
Media	Standard 100 MB Iomega ZIP certified disks	LS-120 diskette and 1.44 MB floppy diskette	IBM Formatted Format
Seek Time	29 ms	70 ms	
Transfer Time	1.4 MB/sec.	313 KB/sec. to 571 KB/sec. (120 MB mode) 110 KB/sec. (1.44 MB mode)	500 KB/sec. (max.)
Compatibility	Tecra 8000/Tecra 8100 MultiMedia Port Replicator	Tecra 8000/Tecra 8100 MultiMedia Port Replicator	Portégé 3410CT, 3440CT, 3480CT, 72xx Series
Warranty	1 year	1 year	1 year

Product	6 GB HDD	6 GB HDD	12 GB HDD	18 GB HDD
Part Number	PA2668U	PA3012U-1H06	PA3027U-1H12	PA3029U-1H18
Capacity	6.495 billion bytes (6 GB)	6.495 billion bytes (6GB)	12.07 billion bytes (11.24 GB)	18.15 billion bytes (16.9 GB)
Height	12.7 mm	12.7 mm	12.7 mm	12.7 mm
Access Time (Read/Write)	12/14 ms	12/14 ms	12/14 ms	12/14 ms
Buffer Size	512 KB	512 KB	416 KB	416 KB
Interface	Enhanced IDE (ATA4)	Enhanced IDE (ATA4)	Enhanced IDE (ATA4)	Enhanced IDE (ATA4)
Compatibility	Tecra 8000 (as primary HDD) or SelectBay when used with SelectBay HDD adapter	Tecra 8000 (as SelectBay) Tecra 8100 as primary HDD and SelectBay with HDD adapter	Tecra 8100 (as primary HDD) or SelectBay when used with SelectBay HDD adapter	Tecra 8100 (as primary HDD) or SelectBay when used with SelectBay HDD adapter
Warranty	1 year	1 year	1 year	1 year

Please note...
Tecra 8000 and Tecra 8100 HDD expansions are for use as a primary HDD or SelectBay HDD. If using the Tecra 8000 HDD in the SelectBay, then SelectBay HDD adapter (PA2666U) is also required. If using the Tecra 8100 HDD in the SelectBay, then SelectBay HDD II adapter (PA3020-1OTR) is required*. SelectBay HDDs are designed to operate as a second removable HDD.
* Does not apply to 14 GB Primary HDD Kit (PA2674U) for Tecra 8000.

Mobile Multimedia:

Imagination on a higher level.

Constant innovation is Toshiba's philosophy.

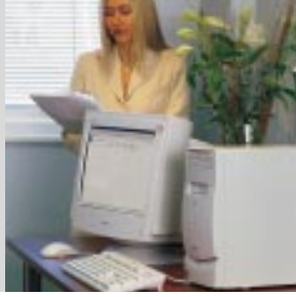
Given the increasing demands of mobile multimedia, we want the portable PC user to be equipped with the best options to deal with modern day media formats. The CD/DVD-ROM Network Docks offer ultra-fast high-capacity data manipulation. DVD-ROM drives are the optimum in multimedia storage, as they allow large amounts of video, audio and other data to be stored. These drives give you the opportunity to work anywhere, anytime and in any way. Combined with the stereo sound systems that are built into Toshiba portable PCs, you can take mobile multimedia performance to even higher levels.

Mobile Multimedia

Product	DVD Network Dock II	CD Network Dock
Part Number	PA3007E-1DST	PA2723UE
Interfaces/Expansion Slots		
Parallel	x	x
Serial	x	x
External Monitor	x	x
USB	2 x	2 x
PS/2 Keyboard	x	x
PS/2 Mouse	x	x
Line In	x	x
Line Out	x	x
Video Out	x	x
Microphone socket & Speakers	x	x
Special Features		
Drive (max.)	6x DVD 20x CD-ROM	24x CD-ROM
Built in RJ-45 Ethernet connection	x	x
Kensington Cable Lock slot	x	x
PC Card Lock	x	x
Dimensions (w x h x d)	302 x 23.7 x 257 mm	302 x 25.8 x 257 mm
Weight	1.2 kg	1.2 kg
Power Supply	15 DC in	15 DC in
Compatibility	Portégé 72xx Series, 7140CT, 7020CT	Portégé 72xx Series, 7140CT, 7020CT
Warranty	1 year	1 year

Product	Digital Camera PDR-M70	Digital Camera PDR-M5
Part Number	1130017	1130011
Viewfinder	optical	optical
CCD sensor	1/1.8", 3.37 million pixels CCD	1/2, 2.14 million pixels
Zoom	optical 3x, digital 2x	optical 3x, digital 2x
Resolution	2,048 x 1,536/ 1,024 x 768 (SVGA)	1,600 x 1,200 (UXGA)/ 800 x 600 (SVGA)
Recording of avi files	320 x 240/160 x 120 pixel, max. 300 sec.	320 x 240 max. 60 sec./160 x 120 pixel, max. 120 sec.
Recording of sound files	mono, voice recorder function (65 min./16 MB SmartMedia™)	N/A
Exposure control	automatic	automatic
Multi Playback	yes	yes
Slide show	yes	yes
LCD monitor	1.8" TFT (122,000 pixels)	1.8" TFT (122,000 pixels)
Shutter speed	8-1/1,000 sec.	1/2-1/1,000 sec.
Selftimer	yes (2/10 sec.)	yes (2/10 sec.)
Burst mode	yes (1.25 pictures/sec.)	yes,(4 pictures/sec.)
Multi shot	36 in 1 (15/sec.)	N/A
Lens	F=2-2,5/f=7.0-21 mm (35 mm–105 mm)	F=3.5-7.6/f=7.4-22.0 mm (35 mm–120 mm)
Energy source		
Battery	lithium-ion rechargeable	lithium-ion rechargeable
AC Adapter	yes	yes
Interface		
USB	yes	yes
Memory		
Buffer memory	24 MB	16 MB
Removable Smart/Media™	16 MB	8 MB
File Format	JPEG (Exif Version 2.1)	JPEG (Exif Version 2.1)
Warranty	1 year	1 year

Product	SelectBay CD-RW	SelectBay CD-ROM	SelectBay DVD-ROM	Mobile CD-ROM	Mobile CD-RW	Mobile DVD-ROM
Part Number	2793009	PA3015U-1CDD	PA3014E-1DVD	2793020	2793008	2793005
Speed	Read 20x, Write 4x, Rewrite 4x	24x	6x	24x	Read 20x, Write 4x, Rewrite 4x	20x CD, 4x DVD
Average Access Time	105 ms	115 ms	120 ms	180 ms	120 ms	105 ms
Sustained Data Rate	Read: 1,800 KB/s, Write: 600 KB/s, Rewrite: 600 KB/s	3,600 KB/s (max.)	3,600 KB/s (max)	3,600 KB/s	Read: CAV, Write: 600 KB/s, Rewrite: 600 KB/s	CD: 3,000 KB/s, DVD: 5,400 KB/s
Compatibility	Tecra 8000/Tecra 8100	Tecra 8000/Tecra 8100	Tecra 8100, MultiMedia Port Replicator	All Notebooks with PC Card slot Type II	All Notebooks with PC Card slot Type II	All Notebooks with PC Card slot Type II
Warranty	1 year	1 year	1 year	1 year	1 year	1 year



Desktop Expansion:
PC performance customized.

Besides the extensive range of notebook options there is a comprehensive choice of options for desktops.

The range of options for desktops runs from memory modules up to SelectBay devices. Memories for example are ideal upgrades at low cost to ensure that your PC continues to deliver the best possible results. We offer memory from 32 MB up to 128 MB as well as larger sizes for specialist demands. Easy to install SelectBay devices (Equium 2000) improve system functionality, enhancing communication and information storage.

Product	Equium Monitor Speakers
Part Number	OPSPKREU-001
Output	3W + 3W
Power	DC output 12V
Input Sensitivity	400 mV RMS
Weight	1.56 kg
Compatibility	Toshiba Tekbright Monitors
Warranty	1 year

Product	SelectBay CD-RW	SelectBay CD-ROM	SelectBay DVD-ROM
Part Number	2793009	PA3015U-1CDD	PA3026E-1DVD
Compatibility	Equium 2000	Equium 2000	Equium 2000
Speed	Read 20x, Write 4x, Rewrite 4x	24x	4x
Average Access Time	105 ms	115 ms	CD: 100 ms, DVD: 140 ms
Sustained Data Rate	Read: 1,800 KB/s Write: 600 KB/s Rewrite: 600 KB/s	3,600 KB/s	DVD: 5,400 KB/s (max.) CD: 4,100 KB/s (max.)
Warranty	1 year	1 year	1 year

Product	Equium 3100M	Equium 3200M	Equium 3300M	Equium 7100S/D (Celeron Models)	Equium 7100S/D (Pentium Models)	Equium 7300S	Equium 7350S	Equium 2000
Standard Memory Configuration	**64 MB**	**64 MB**	**64 MB**	**32 MB or 64 MB**	**32 MB or 64 MB**	**64 MB**	**64 MB**	**64 MB**
Expandable to: (Max)	**512 MB**	**256 MB**	**768 MB**	**512 MB**	**512 MB**	**512 MB**	**512 MB**	**256 MB**
32 MB Upgrade	PX1019E-1DME	PX1022E-1DME	N/A	PX1019E-1DME	PX1022E-1DME	PX1019E-1DME	PX1022E-1DME	N/A
64 MB Upgrade	PX1020E-1DME	PX1023E-1DME	PX1028E-1DME	PX1020E-1DME	PX1023E-1DME	PX1020E-1DME	PX1023E-1DME	PA2061U
128 MB Upgrade	PX1021E-1DME	PX1024E-1DME	PX1029E-1DME	PX1021E-1DME	PX1024E-1DME	PX1021E-1DME	PX1024E-1DME	PA2062U
256 MB Upgrade	N/A	N/A	N/A	N/A	N/A	N/A	N/A	PA3051U-1NME*

Standard Video Configuration	2 MB Pre-Installed	4 MB Pre-Installed
2 MB Video RAM	PX1002E-1DME	N/A
4 MB Video RAM	PX1003E-1DME	PX1031E-1DME

***Please note:** That the base memory must be removed before this module can be installed. The maximum installable memory is 256 MB.